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Reducing smell from impurities in polyester resins - by mixing liq. or molten resin with water and removing water by heating under reduced pressure

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Number of Countries: 001 Number of Patents: 001

Patent Family:

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DE 3503330	A	19860807	DE 3503330	A	19850201	198633 B

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Patent Details:

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Abstract (Basic): DE 3503330 A

A process for reducing the smell of polyester resins due to unwanted by-prods., comprises mixing liq. or molten p-lyester resins with water and removing the water by heating under reduced press. Pref. the polyester is mixed with more than 1 wt.% and esp. more than 5 wt.% water. Pref. not more than 50% water and esp. not more than 20% water is used, for reasons of economy. The water is removed at temps. of over 50 deg. C, pref. over 70 deg. C and esp. over 100 deg. C and a press. of below 200 mbar, pref. below 100 mbar and esp. below 50 mbar.

USE/ADVANTAGE - The process is simple and economical to carry out and causes virtually no change in the properties of the polyester. The treated prods. are esp. useful for use in food packaging applications, to avoid tainting of the food. (9pp)

Derwent Class: A23; A35

International Patent Class (Additional): C08G-063/74; C08J-003/00;
C08L-067/02